



H05VVH6-F Elevator Platform Cable



Eland Product Group: A1T

APPLICATION

Elevator Platform H05VVH6-F Cable is a flat travelling PVC cable used in conveyor and hoist equipment. This cable is suitable for internal and panoramic elevator applications with a freely suspended length up to 45 metres.

CHARACTERISTICS

Voltage Rating Uo/U
300/500V

Temperature Rating
Flexed: -20°C to +70°C

Minimum Bending Radius
Flexed: 8 x overall diameter

CONSTRUCTION

Conductor
Class 5 flexible copper conductor

Insulation
PVC (Polyvinyl Chloride)

Sheath
PVC (Polyvinyl Chloride)

Core Identification
● Black with ○ White numbers
● Green/Yellow earth conductor

Sheath Colour
● Black

STANDARDS

EN 50124, EN 60228

Flame Retardant according to IEC/EN 60332-1-2

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL DIAMETER OVER CONDUCTOR mm	NOMINAL THICKNESS OF INSULATION mm	CABLE DIMENSIONS WIDTH mm	NOMINAL WEIGHT kg/km
A1TR060075BK	6	0.75	1.3	0.6	72	118
A1TR120075BK	12	0.75	1.3	0.6	128	227
A1TR180075BK	18	0.75	1.3	0.6	184	336
A1TR200075BK	20	0.75	1.3	0.6	208	376
A1TR240075BK	24	0.75	1.3	0.6	248	450

CONDUCTORS

Class 5 Flexible Copper Conductors for Single Core and Multi-Core Cables

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM DIAMETER OF WIRES IN CONDUCTOR mm	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km	
		Plain Wires	Metal-Coated Wires
0.75	0.21	26	26.7

The above table is in accordance with EN 60228

ELECTRICAL CHARACTERISTICS

Electrical Properties

Rated Voltage: 0.75 – 1.0mm² 300/500V (rms)

Test Voltage: 2kV (rms)/15 minutes

Mechanical Properties

Free Suspension Length: Maximum 45m

Travelling Height: Maximum 80m

Running Speed: Maximum 6.3m/s